Proposal Full View

Print

Applicant Information

Organization Name	Crescenta Valley Water District *
Tax ID	**956004249**
Proposal Name	Verdugo Basin Stormwater Recharge Facility Study *
Proposal Objective	The primary goal of this project is to conduct a Study to evaluate the feasibility of using portions of Crescenta Valley County (CVC) Park to recharge stormwater runoff. The Study will evaluate the costs and benefits of implementation and determine the most effective strategy for developing this potentially significant source of water for CVWD. Objectives to accomplish this goal include: • Install surface water gauging stations in the CVC Park • Monitor surface water that would be diverted for groundwater recharge • Assess soil conditions through monitoring wells and percolation tests • Conduct site surveys • Conduct groundwater modeling • Establish a Task Force to guide and support the Study *

Budget

Other Contribution	$0.00
Local Contribution	$0.00
Federal Contribution	$0.00
Inkind Contribution	$22,500.00
Amount Requested	$250,000.00 *
Total Project Cost	$272,500.00 *

Geographic Information

Latitude *	DD(+/-) 34	MM 13	SS 25		
Longitude *	DD(+/-) 118	MM 15	SS 18		
Longitude/Latitude Clarification	NA			Location	Crescenta Valley County Park
County				Los Angeles *	
Ground Water Basin				San Fernando Valley	
Hydrologic Region				South Coast	
Watershed	Los Angeles River				

Legislative Information

Assembly District	43rd Assembly District,44th Assembly District,59th Assembly District *
Senate District	21st Senate District,29th Senate District *
US Congressional District	District 26 (CA),District 29 (CA) *

Project Information

Project Name: Crescenta Valley County Park Sto

Implementing Organization	Crescenta Valley Water District
Secondary Implementing Organization	
Proposed Start Date	6/2/2013
Proposed End Date	6/1/2015
Project Scope	Prepare a Stormwater Recharge Facility Study by conducting streamflow and geophysical studies. See attachment 4.
Project Description	The Crescenta Valley Water District (CVWD) Stormwater Recharge Facility Study (Study) will gather data and geologic information that is essential to determining the feasibility of capturing and infiltrating stormwater and dry-weather flow to Crescenta Valley County Park (CVC Park) to recharge the Verdugo Basin. To this end, the Study will monitor groundwater levels, test the recharge capacity of the soil, gage flow and quality of source water, and model groundwater flow. The Study is the first phase of a two-phased project. The second phase of the project will be the actual construction of the facilities to capture runoff and recharge the Verdugo Basin. CVWD and the Verdugo Basin are located in the Upper Los Angeles River Watershed . Stormwater recharge in the Verdugo Basin will achieve the goals of increasing groundwater supplies, improving local water supply reliability particularly during times of drought, and improving groundwater quality by reducing surface water runoff from the existing parking areas of the CVC Park. The Study is estimated to increase the local water supply by an annual average of 340 acre-feet per year (AFY).
	The primary goal of this project is to conduct a Study to evaluate the feasibility of using portions

Project Objective	of CVC Park to recharge stormwater runoff. Objectives include: • Install surface water gauging stations in the CVC Park; • Monitor surface water that would be diverted for groundwater recharge; • Assess soil conditions through monitoring wells and percolation tests; • Conduct site surveys; • Conduct groundwater modeling; • Establish a Task Force to guide and support the Study

Project Benefits Information

Project Benefit Type	Benefit Type	Measurement	Description
Primary	Feasibility Studies -- Flood Control/Water Supply	0	The study will gather information that is essential to determining the feasibility of capturing and infiltrating stormwater and dry-weather flow to Crescenta Valley County Park (CVC Park) to recharge the Verdugo Basin. Future phases of the project are expected to yield 340 AFY supply to the basin.

Project Objective

Budget

Other Contribution	0

Local Contribution	0
Federal Contribution	0
Inkind Contribution	22500
Amount Requested	250000
Total Project Cost	272500

Geographic Information

Latitude DD(+/-)	34	MM	13	SS	25
Longitude DD(+/-)	118	MM	15	SS	18

Longitude/Latitude Clarification: NA Location: Crescenta Valle

County Los Angeles Ground Water Basin San Fernando Valley Hydrologic Region South Coast WaterShed Los Angeles River

Legislative Information

Assembly District	43rd Assembly District,44th Assembly District,59th Assembly District
Senate District	21st Senate District,29th Senate District
US Congressional District	District 26 (CA),District 29 (CA)

Section : Applicant Information and Question's Tab

APPLICANT INFORMATION AND QUESTION'S TAB

Q1. Applicant Information

Provide the agency name, address, city, state, and zip code of the applicant submitting the application.

Crescenta Valley Water District 2700 Foothill Blvd La Crescenta, CA 91214

Q2. Proposal Description:

Provide a brief abstract of the Proposal. This abstract must provide an overview of the proposal including the main issues and priorities addressed in the proposal. Within the abstract, please describe how the proposal relates to the GWMP's BMO's.

The Crescenta Valley Water District (CVWD) Stormwater Recharge Facility Study (Study) will gather data and geologic information that is essential to determining the feasibility of capturing and infiltrating stormwater and dry-weather flow to Crescenta Valley County Park (CVC Park) to recharge the Verdugo Basin. To this end, the Study will monitor groundwater levels, test the recharge capacity of the soil, gage flow and quality of source water, and model groundwater flow. The Study is the first phase of a two-phased project. The second phase of the project will be the actual construction of the

facilities to capture runoff and recharge the Verdugo Basin. CVWD and the Verdugo Basin are located in the Upper Los Angeles River Watershed. Stormwater recharge in the Verdugo Basin will achieve the goals of increasing groundwater supplies, improving local water supply reliability particularly during times of drought, and improving groundwater quality by reducing surface water runoff from the existing parking areas of the CVC Park. The Study is estimated to increase the local water supply by an annual average of 340 acre-feet per year (AFY). The Verdugo Basin is part of the groundwater adjudication for the ULARA with groundwater management overseen by the ULARA Watermaster. The ULARA Watermaster strongly supports best management practices for stormwater recharge. The CVWD Study is fully consistent with the goals and objectives for the ULARA groundwater basins, including the Verdugo Basin. The Study is relevant to the Watermaster's goals and objectives from the "Annual Report, ULARA Watermaster, 2010-11 Water Year" in that it will help to meet the following objectives: Increase recharge to local groundwater basins (Annual Report, 2010-11, p. 2-11); From a hydrogeologic perspective, and in the opinion of this Watermaster, whenever and wherever deep percolation (infiltration) of treated stormwater can be appropriately enhanced, then recharge to the local groundwater basin can be beneficially increased. (Annual Report, 2010-11, p. 3-25); The Watermaster supports "reducing the amount and improving the quality of surface water runoff from each storm event." (Annual Report, 2010-11, p. 3-24)

Q3. Project Director:

Provide the name and details (including email) of the person responsible for executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Director.

Dennis Erdman derdman@cvwd.com (818) 248-3925 Crescenta Valley Water District 2700 Foothill Blvd La Crescenta, CA 91214

Q4. Project Manager:

Provide the name and contact information (including email) of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.

David Gould dgould@cvwd.com (818) 248-3925 Crescenta Valley Water District 2700 Foothill Blvd La Crescenta, CA 91214

Q5. Additional Information:

Based on the region's location, what is the applicable DWR region office (Northern, North Central, South Central, or Southern)? The following link can be used to view each DWR region office boundaries:

http://www.water.ca.gov/groundwater/groundwater_basics/gw_contacts_info.cfm

1) ☐ Northern Region
2) ☐ North Central Region
3) ☐ South Central Region
4) ☑ Southern Region

Q6. Additional Information:

other legal Authority in which it was adopted.

Upper Los Angeles River Area Judgment - Superior Court Case No. 650079, "The City of Los Angeles, a Municipal Corporation, Plaintiff, vs. City of San Fernando, et. al., Defendants", January 26, 1979.

Q7. Additional Information:

Provide a list of documents that support and indicate collaboration with other local public agencies with regard to the management of the affected groundwater basin (e.g., MOUs, MOAs, JPAs, adoption of a GWMP, recognition of county ordinances in permitting processes, or party to a groundwater basin adjudication order).

Past Department of Water Resources Local Groundwater Act (AB 303) funding (FY 2001-2002, FY 2002-2003 and FY 2004-2005) for the Verdugo Basin; Verdugo Basin Groundwater Evaluation and Monitoring Study, (Bookman-Edmonston, June, 2004); Verdugo Basin Groundwater Recharge, Storage, and Conjunctive Use Feasibility Study, (Geomatrix, June, 2005); Verdugo Basin Geophysical Evaluation Project, (Geomatrix, June, 2006); Annual Report ULARA Watermaster, 2010-2015 Water Years, and Groundwater Pumping and Spreading Plan for ULARA, Los Angeles County, California (July 2011); Water Augmentation Study (Watershed Council, 2005; Sun Valley Watershed Management Plan; The Greater Los Angeles County (GLAC) Integrated Regional Water Management Plan (IRWMP) of 2006; Los Angeles County Department of Public Works (LACDPW) and Los Angeles Department of Water and Power (LADWP) Stormwater Recharge Committee; Verdugo Hills Storm Water Project; Los Angeles Basin Stormwater Conservation Study, Bureau of Reclamation

Q8. Additional Information

Name the entity(ies) providing the fund(s) reported in the above Budget section under the category "Other Contribution". If there are no “Other Contributions” Please answer this question with, “No Other Contributions”.

No Other Contributions

Q9. Eligibility:

List the urban water suppliers that will receive funding from the proposed grant. Please provide the agency name, a contact phone number and email address. Those listed must submit self certification of compliance with CWC §525 et seq. and AB1420, see Attachment 10. If there are none, so indicate.

Crescenta Valley Water District 2700 Foothill Blvd La Crescenta, CA 91214 (818) 248-3925 David Gould - dgould@cvwd.com

Q10. Eligibility:

Have all of the urban water suppliers, listed in Q9 above, submitted complete 2010 UWMP to DWR? If not, explain why. Have those plans been verified as complete by DWR? If not, explain current status.

2010 UMWP submitted by CVWD to DWR as part of this LGA application

Q11. Completeness Check:

Have all of the fields in the application been completed?

Yes

Q.11. Completeness Check (cont)

If no, please explain. If yes, answer this question with "NA".

NA

Section : Application Attachments Tab

APPLICATION ATTACHMENTS TAB

Attachment 1. Authorizing Documentation

Upload authorizing documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att1_LGA12_CVWD_AuthorizingDoc_1of1.pdf

Attachment 2. Eligible Applicant Documentation

Upload eligible documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att2_LGA12_CVWD_EligibleAppDoc_1of1.pdf

Attachment 3. Status of GWMP

Upload the GWMP documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att3_LGA12_CVWD_StatusofGWMP_1of1.pdf

Attachment 4. Project Description

Upload project description here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att4_LGA12_CVWD_ProjectDescription_1of1.pdf

Attachment 5. Work Plan

Upload work plan here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att5_LGA12_CVWD_WorkPlan_1of1.pdf

Attachment 6. Budget

Upload budget here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att6_LGA12_CVWD_Budget_1of1.pdf

Attachment 7. Schedule

Upload schedule here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att7_LGA12_CVWD_Schedule_1of1.pdf

Attachment 8. Quality Assurance

Upload quality assurance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att8_LGA12_CVWD_QualityAssurance_1of1.pdf

Attachemnt 9. Past Performance

Upload past performance documentation here. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att9_LGA12_CVWD_PastPerformance_1of1.pdf

Attachment 10. AB1420 and Water Meter Implementation Compliance

Upload 1420 and water meter implementation documentation here, if applicable. Ensure file name is consistent with the LGA Grant PSP, Section II. "How to Submit An Application".

Last Uploaded Attachments: Att10_LGA12_CVWD_AB1420andWaterMeter_1of1.pdf